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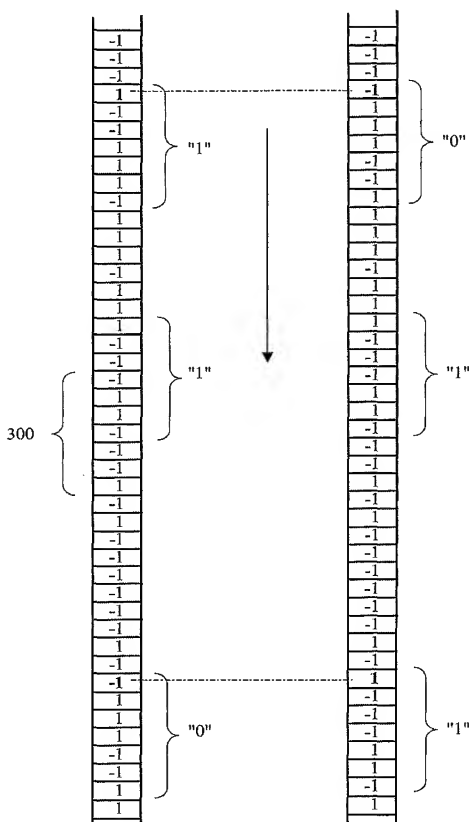
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(54) Title: METHOD OF INSERTING DIGITAL WATERMARKS IN ONE-BIT AUDIO FILES

(57) Abstract: There is described a method of processing a serial data signal to generate a corresponding transformed signal, for example encoded signal. The method includes steps of: (a) providing one or more signature sequences; (b) analysing the serial data signal to determine therein one or more signal sequences for which holds that combining such one or more signal sequences with said one or more signature sequences does not result in generation of illegal states; and (c) combining one or more of the determined signal sequences of the serial data signal with said one or more signature sequences so as to transform the serial data signal into the transformed signal. Moreover, there is also described apparatus (100) operable to execute the method and/or a corresponding inverse method.

GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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